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Curricular Affairs Committee Report #389

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October 31, 2000

Faculty Senate Curricular Affairs Committee

Three Hundred and Eighty-Ninth Report

Amended by the Faculty Senate on November 16, 2000

At the Curricular Affairs Committee's meeting of October 20, 2000 the following matters were considered and are now presented to the Faculty Senate.

SECTION I

Informational Matters

A. College of Arts and Sciences

1. Department of Chemistry

CHANGE: Description for the following courses:

1) CHM 101 General Chemistry Lecture I (*I and II, 3*) Fundamental chemical concepts and principles. Topics include states of matter, stoichiometry, reactivity, atomic structure, thermochemistry, bonding, molecular structure and solutions. Not open to students with credit in 103 or 191.

2) CHM 102 Laboratory for Chemistry 101 (*I and II, 1*) Experimental applications of chemical concepts and reactivity emphasizing safety and technique. Experiments follow the content of 101.

3) CHM 112 General Chemistry Lecture II (*I and II, 3*) Chemical kinetics, equilibrium, elementary thermodynamics and electrochemistry integrated with descriptive chemistry and practical applications.

4) CHM 114 Laboratory for Chemistry 112 (*I and II, 1*) Experiments follow the content of 112.

2. Department of English and the Justice, Law and Society minor

CHANGE: List of courses available for the Justice, Law and Society minor by adding "ENG 356 Literature and the Law."

B. College of the Environment and Life Sciences

1. Department of Community Planning and Landscape Architecture

a. CHANGE: Description and prerequisite for LAR 300 to read as follows:

LAR 300 Computers in Landscape Architecture (I, 4) Intensive course in computer usage for landscape architects. Focus on the application of landscape architecture computer-aided design software to project development applications. (*Lec. 2, Studio 4*) *Pre: sophomore standing in landscape architecture. Simeoni*

b. CHANGE: Prerequisite for LAR 345, 346 by adding "LAR 300."

2. Department of Community Planning and Landscape Architecture and Department of Plant Sciences

CHANGE: Expiration for LAR 350X (or PLS 350X) "The Control and Management of Flowering" by permitting a second offering after the two year time limit.

SECTION II

Curricular Matters that Require Confirmation by the Faculty Senate

A. College of Arts and Sciences

1. Department of Biological Sciences

a. CHANGE: Number, level and prerequisite for BIO 202:

BIO 302 (202) Animal Development (II, 3) *Pre: 112, 113, and two additional semesters of biological sciences; genetics recommended.*

b. REFERRED TO COMMITTEE.

c. CHANGE: Requirements for the Marine Biology major by adding:

Students must take at least three laboratory courses in Biological Sciences (BIO) in addition to BIO 112 and BIO 113 and excluding BIO 491 and 492.

2. Department of Chemistry

CHANGE: Requirements for all curriculums in Chemistry by deleting PHY 213, 214, 285 and 286.

3. Department of Languages

CHANGE: Requirements for the B. A. program in German by replacing "at least six credits must be taken at the 400-level in literature" with the following:

Six credits at the 400 level are required. Students must also complete at least six credits in literature; at least three credits in literature must be taken at the 400 level. Students in the International Engineering Program must complete GER 411.

4. Department of Psychology

a. CHANGE: Number of credits for PSY 301 to "4" and method of instruction to "(Lec. 3, Lab. 2)."

b. CHANGE: Requirements for the B. A. degree in Psychology as follows:

1) Require a grade of C or better in both PSY 300 and 301 rather than a C average in the two courses

2) Require 31 rather than 30 credits in the major

5. Department of Sociology and Anthropology

a. CHANGE: Requirement in the B. S. in Applied Sociology by replacing "MTH 107 or 108 or 111" with "MTH 111."

b. CHANGE: Requirements for the B. A. in Anthropology, B. A. in Sociology and B. S. in Applied Sociology by allowing no more than 6 credits in independent study and/or field experience courses to be included among the credits used for the major.

B. College of the Environment and Life Sciences

1. Department of Community Planning and Landscape Architecture

a. CHANGE: Course code for RDV 300 to CPL 300 and title and description to read as follows:

CPL (RDV) 300 Introduction to Global Issues in Sustainable Development (I and II, 3) Role of the United States in development assistance to foreign nations. Topics include foreign aid, sustainable development, transfer of technology, and international career opportunities. (Lec. 3) Abedon

b. DELETE: Resource Development (RDV) Section from the University Catalog.

c. CHANGE: Description of the minor in International Development by replacing RDV code with CPL code.

2. Department of Natural Resources Science

CHANGE: Level, number and prerequisite for NRS 286 to "NRS 186 (286) *Š Pre: 100 or permission of instructor. Open to natural resources science majors only.*"

C. Section 8.81.62 of the UNIVERSITY MANUAL (the 4-year rule)

1. DELETE: The following courses:

AAF 250

CHM 436

CVE 396

IME 450

MRD 380, 381, 481, 482

MTH 420, 456, 464

PHL 414, 440

PHY 130

PSC 309, 343, 405, 486

2. RETAIN: The following courses:

AAF 202, 388, 466, 474

ARH 285, 461

AVS 462

BIO 301, 432, 446, 447

CHE 391, 392, 447

CHM 099, 291, 292

CVE 391, 472

MCE 437

MTH 393, 441, 472

NUR 349

PHL 235

PHY 425

PSC 408, 410, 432, 443, 466, 483

RLS 126

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SECTION III

Joint Report of the Curricular Affairs Committee and Graduate Council

on 400-level courses.

At the October 2 and October 30 meetings of the Curricular Affairs Committee and the October 27 meeting of the Graduate Council the following matters were considered and are now presented to the Faculty Senate.

A. Informational Matters

1. College of Arts and Sciences

***Department of Sociology and Anthropology**

1) CHANGE: Number for the following courses:

a) SOC 470 to SOC 498 (470) Independent Study

b) SOC 471 to SOC 499 (471) Independent Study

2) CHANGE: Number, credits, description and prerequisite for SOC 402:

**SOC 497 (402) Field Experience in Sociology (*I and II*, 3) Field experience in an approved government agency or non-profit organization; practice in applying sociological concepts and methods to the analysis of problems faced by the agency and/or its clients, exploration of career opportunities. (Practicum) Junior or senior standing and 6 credits in sociology beyond 100. *May be repeated for a maximum of 6 credits. Not for graduate credit.*
Carroll, Reilly**

2. College of Engineering

Department of Industrial and Manufacturing Engineering

1) CHANGE: Prerequisite for IME 412 to "Pre: 411 or permission of instructor."

2) CHANGE: Description and prerequisite for IME 432 to read as follows:

IME 432 Operations Research: Deterministic Systems Introduction to major areas of operations research and their application to systems analysis. Linear programming, transportation and transshipment models, elementary network analysis, and related topics. (*Lec. 3*) *Pre: MTH 342, 362 or equivalent.*

3) CHANGE: Title, description and prerequisite for IME 433 to read as follows:

IME 433 Operations Research: Stochastic Systems (*I*, 3) Markov chains, dynamic programming, queuing theory, simulation, forecasting, inventory

models, simple stochastic models, and their relation to selected problems.
(*Lec. 3*) *Pre: 411 and MTH 342 or permission of instructor.*

3. College of the Environment and Life Sciences

***Department of Community Planning and Landscape Architecture**

CHANGE: Code and description for the following courses:

a) CPL (RDV) 487 International Development Internship (*I and II, 1-6*)
Supervised participation in programs related to sustainable international development. Minimum 35 hours of internship per credit. (*Practicum*) *Pre: 300 and/or permission of instructor. Not for graduate credit. S/U only.*
Abandon

b) CPL (RDV) 495 International Development Seminar (*II, 3*) Seminar in sustainable international development for advanced-level students interested in international development. (*Seminar*) *Pre: 300 and/or permission of instructor. Not for graduate credit. Abandon*

B. Curricular Matters that require confirmation by the Faculty Senate

Graduate School of Oceanography

ADD: OCG 420 Deep-Sea Biology (*I, 3*) Overview of the biology and ecology of the deep sea, including organisms and habitats, spatial and temporal patterns, physiology and adaptations, energetics, evolution and hydrothermal vent ecology. (*Lec. 3*) *Pre: One semester general biology (BIO 100, 103, 104) and one semester general chemistry (CHM 101, 103) required. One semester ecology or oceanography recommended (OCG 123, 401, 451, BIO 455) Offered in alternate years. Wishner*

***No action by Graduate Council. Not for graduate credit.**